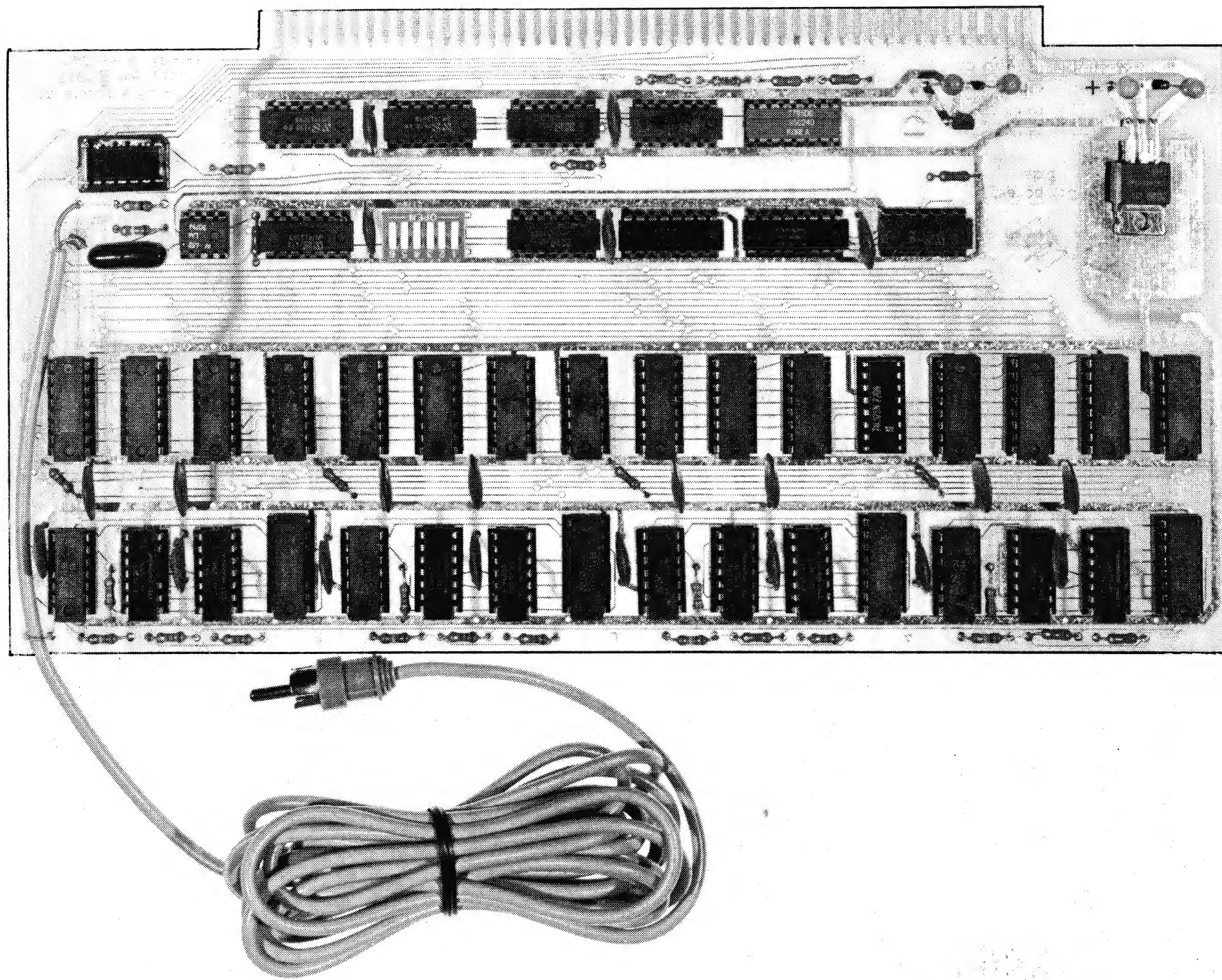




MG-1

MUSIC GENERATOR

WCCF 79



- 49 NOTES
- 4 VOICES
- 8 OCTAVE RANGES
- 128 VOLUME LEVELS
- 2 WATT STEREO OUTPUT
- S-100 BUS COMPATIBLE
- FULLY ASSEMBLED AND TESTED
- LOW COST \$299

TONES/CHORDS

The MG-1 simultaneously generates 49 notes which can be individually commanded ON or OFF. The 49 notes can be located anywhere within an 8 octave range by jumper selection.

COMMAND STRUCTURE

The functions of the MG-1 are controlled by an 8 byte command register. Each note has its corresponding select bit. Since the MG-1 has no wait states, it can be commanded very fast thus allowing complex chords to be generated. Once a command bit is set, the note will continue to sound indefinitely. The addresses of the command register are jumper selectable. A manual is provided which explains how to encode sheet music in BASIC or Assembly Language. Sample songs are included as well as notes on the use of the music generator.

VOICES

Four standard voices are provided in on-board sockets and may be selected to either channel under software control. Additional voices are available or you may wish to create your own.

AUDIO

The MG-1 has a two-watt stereo audio amplifier on board. It can deliver full power into either 8 or 16 ohm loads. This allows the direct use of small speakers or headphones. In addition, an outlet is provided for the connection of an external power amplifier.

VOLUME

The volume of sound produced by the MG-1 is controlled by a software settable register. One hundred twenty-eight levels are provided.

INTERFACE

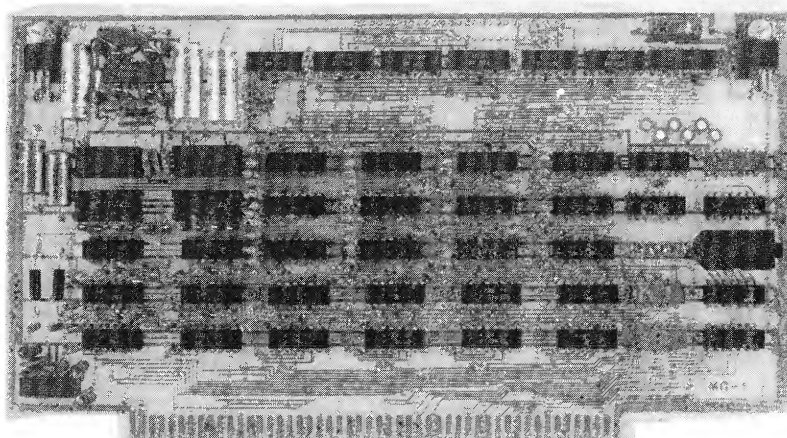
The MG-1 is fully compatible with the MITS/IMS/PTC S-100 bus. Two or more MG-1's may be used to generate the complete organ scale simultaneously or to provide more voices/ranks.

CONSTRUCTION

The MG-1 uses CMOS circuitry to conserve power and provide excellent noise immunity. The printed circuit card is UL approved G-10 glass epoxy with gold-plated contact fingers for reliability. Each MG-1 is completely tested and burned in to ensure proper functioning.

WARRANTEE

The MG-1 is guaranteed to be free from defects for a period of 90 days from the date of purchase.



QTY	ITEM	PRICE	EXTENSION
	MG-1 MUSIC GENERATOR	299.00	
	EX-1 EXTENDER BOARD	25.00	
	PB-1 PROTOTYPE BOARD	30.00	
	NEWSLETTER	5.00	
	MANUAL	5.00	
Prices & Specifications Subject to Change Without Notice.		SUBTOTAL	
		TAX	
		TOTAL	
☐ Check enclosed for \$ _____			
Include \$5.00 for postage and handling. California residents add 6% tax. Delivery 30 days ARO.			
☐ Master Charge # _____			
☐ Bank Americard # _____			
Credit card expires on _____			
Name _____			
Address _____			
City/State/Zip _____			
Signature _____			



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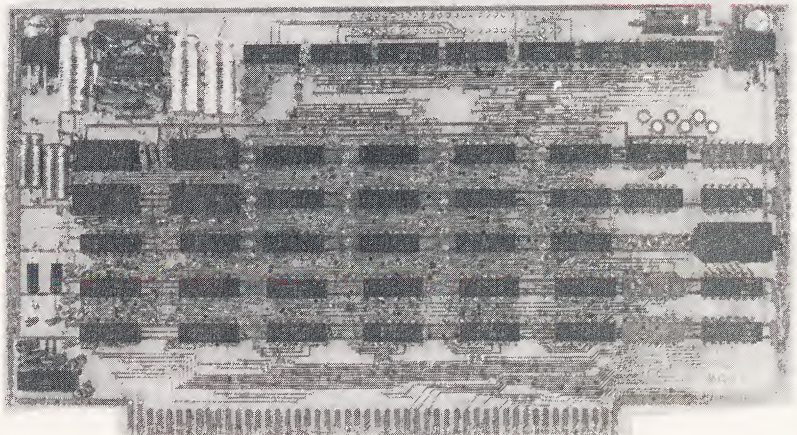
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City/State/Zip _____			
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